Full Digital Ultrasound Scanner AJ-6110

General Description

Scanning mode : Convex / linear of electronics (128 elements)
Adopt DBF digital wave-beam forming technology
Display mode: B,B/B, B/M,M
Working frequency: 2.0MHZ～10MHZ
Measurements: distance, circumference, area, volume, heart function, pregnancy period etc.
Character presentation: date, time, patient number, patient name, probe mark, frequency, focusing position and image annotation etc
USB port
Software measurement: heart, obstetric, gynecology and urology, puncturing guide function, partial magnification function

Standard Configuration

Main unit
3.5MHz Multi-frequency Convex Probe
15 inches SVGA monitor
1024 pcs Image Storage
192 frame Cine Loop
3 Probes Connectors
USB 2.0 for Real-time Picture Uploading to PC

Options

5.0-7.0MHz high frequency linear probe
Trans-vaginal probe
Rectal probe
2.0/3.5MHz heart probe
Thermal Paper Printer

Full Digital Portable Ultrasound Scanner AJ-6116

General Description

Scanning mode: Convex / linear of electronics (128 elements)
Adopt DBF digital wave-beam forming technology
Display mode: B,B/B,B/M,M
working frequency: 2.0MHZ～10MHZ
Measurements: distance, circumference, area, volume, heart function, pregnancy period etc
Character presentation: date, time, patient number, patient name, probe mark, frequency, focusing position and image annotation etc
USB port
Software measurement: heart, obstetric, gynecology and urology.
Puncturing guide function, partial magnification function

Standard Configuration

Main Unit
10" high Resolution Monitor
3.5MHz Multi-frequency Convex Probe
1024 pcs Image Storage
192 frame Cine Loop
2 Probes Connectors
USB 2.0 for Real-time Picture Uploading to PC

Options

4.0-9.0MHz High Frequency Linear Probe
Trans-Vaginal Probe
Rectal Probe
2.0/3.5/5.0MHz Heart Probe
Thermal Paper Printer

Full Digital Laptop Ultrasound Scanner AJ-6000Plus

General Description

Notebook design. Light weight of 1 kg, 2cm for thickness, 17cm for width, 25cm for length, very smart and convenient.
U Disk for upgrade.
Dismountable battery.
Connect with Jet printer, Laser printer to print directly.
Other performance is as the same as the laptop computer, such as power save mode, touch mouse and so on.
Battery supply
192-frame cine loop, Two USB ports, SD card
General software, Obstetrics software and Cardiac software.

Software

General measurement: distance, circumference, volume, angle, heart rate and etc.
Obstetrics measurement software: BPD, GS, CRL, AD, AC, FL, HC, FTA, APTD, TTD and calculating fetus' weight, pregnancy week, fetal physiological rating according to the previous measurements.
Cardiac measurement software. The measurement result could be shown automatically.

Standard Configuration

Main unit with 10.4 inches monitor,
3.5MHz Convex Probe,
One Probe Connectors,
USB port,

Options

High frequency linear probe
Trans-vaginal probe
Heart Probe
Thermal Paper Printer
Jet printer
Laser printer

Specifications

Scanning mode	electronic linear array, electronic convex array
Imaging model	B, B/B, B/M, M, 4B
Gray scale	256 levels, four selectable gamma curve
Transducer frequency	2.5-8.5 MHz
Magnification	×0.8, ×0.9, ×1.0,×1.1,×1.2,×1.3, ×1.4,×1.5
Permanent storage	1024
Cine loop	192, manual and automatic
Sound Power	8 grades from 0-7
Dynamic Range	Adjustable from 30-75
USB Ports	2
IP set	8
Body Mark	35 kinds
Pseudo color	5 kinds
Image Processing	Up/Down, Left/Right, Black/White, Frame correlation Edge enhancement, Scroll
Measurement	Circumference, Area, Volume, Heart ratio, Velocity, OB and Cardiac
Focus	Number and location of the focus can be adjusted
Puncture	Puncture guide line
TGC	Adjustable, Near field, Middle field and Far field are adjustable from 39-99
Body Marks	35
IP set	Hospital’s name, Date, Time, Formula of Fetus’ weight and Pseudo color
Image store format	BMP, DICOM
Formula of Fetus’ weight	OSAKA, TOKYO1, TOKYO2, MERZ
Image	Frame correlation, Edge enhancement, Dynamic range, center line, scan angle Puncture
Voltage	AC85V-265V

Trolley LCD Display Ultrasound Scanner AJ-6100F

This product is suitable for the diagnosis of the soft tissue of the human dynamic graphics, such as the liver, gallbladder, kidney, spleen, pancreas, uterus, bladder, fetal, and family planning to check pregnant, check ring, obstetrics and gynecology.

Features

Powerful measurement & calculation software packages
8-Segment TGC adjustment
15 inches LCD monitor
OB measurements: BPD, GS, CRL, FL, AC, HC, etc
Permanent function of image store: 32 images
Back-lit keyboard
2 probe connectors
Probe automatic identification
Pseudo Color Image output port (PAL-style)

Specification

Scanning mode: Convex/Linear/Trans-vaginal/Trans-rectal;
Display modes: B, B+B, B+M, M, 4B;
Scanning depth: 240mm;
Gray scales: 256;
Body marks: 33;
Function of image magnification: image zoom (real-time status under B mode), up to 5 times (area); local amplification function which can be enlarged under the real-time and froze;
Image conversion: up/down, left/right, black/white;
Function of puncture guide;
Max dynamic range>=100db;
Detecting depth>=190mm, scanning depth>=240mm;
The geometric location accuracy: vertical<=5%; lateral<=5%; blind spot: <=4mm;
Vertical resolution: <=1mm (depth<=130mm) < =2mm (130mm<depth<170mm);
Lateral resolution: <=1mm (depth<=130mm) < =2mm (130mm<depth<160mm);
Gamma: 4 gray scale γ transform function;

Variety of focus selection and multi-stage dynamic focusing with 4 transmit focus; support to launch multi-focus combination;
Built-in pseudo color processor, Pal-D and VGA video output, can connect external screen monitors, color monitors, VCRs, video image printer and other equipment.
Fixed characters and real-time clock and calendar display;
Software reset function;
Printer function: can connect laser printer and Video printer directly;
Comment: Date, Name, Sex, Age, Hospital, Annotation;
Zooming: *1.0, *1.2, *1.5, *2.0;
Port: USB 2.0, VGA, Video connector;
Wide application: abdomen, OB/GYN, urology, cardiology, small parts etc;
USB Function of image store: more than Sixteen thousand images;
Power supply: AC 110V-240V, 50HZ/60HZ;
Probe connector: 2;
USB/VGA/ ports;
Video connector;

Measurement
General menu: Distance, Area, Volume, Angle, Ellipse
Obstetrics menu: GS, CRL, BPD, HC, AC, FL, Fetus Weight
Heart menu: Distance, Time, Slope, Rhythm

Standard Configuration
Main unit 1 set
15 inches LCD monitor
60R/3.5MHZ Multi-frequency Convex array probe 1pc
Power line 1pc
Ground line 1 pc
Fuse 4 pcs
User’s manual in English 1pc
Packing list 1pc
Warranty card 1pc

Options
L40/7.5MHZ Linear array probe
20R/5.0MHZ Micro-Convex array probe
13R/6.5MHZ Trans-vaginal array probe
7.5R/7.5MHZ Trans-rectal probe
Video printer; HP laser jet printer

Portable LCD Display Ultrasound Scanner AJ-6100B LCD

Features

Powerful measurement & calculation software packages
8-Segment TGC ABD Trackball adjustment
10 inch LCD monitor
OB measurements: BPD, GS, CRL, FL, AC, HC, etc
Permanent function of image store: 32 images
Back-lit keyboard
2 probe connectors
Probe automatic identification
Real time pseudo color image display

Specification

Scanning mode: Convex/Linear/Trans-vaginal/Trans-rectal;
Display modes: B, B+B, B+M, M, 4B;
Scanning depth: 240mm;
Gray scales: 256;
Body marks: 18;
Function of image magnification: image zoom (real-time status under B mode), up to 5 times (area); local amplification function which can be enlarged under the real-time & froze;
Image conversion: up/down, left/right, black/white;
Function of puncture guide;
Max dynamic range>=100db;
Detecting depth>=190mm, scanning depth>=240mm;
The geometric location accuracy: vertical<=5%; lateral<=5%; blind spot: <=4mm;
Vertical resolution: <=1mm (depth<=130mm) < =2mm (130mm<depth<170mm);
Lateral resolution: <=1mm (depth<=130mm) < =2mm (130mm<depth<160mm);
Per: 4-stage per function;
Variety of focus selection and multi-stage dynamic focusing with 4 transmit focus; support to launch multi-focus combination;
Fixed characters and real-time clock and calendar display;
Software reset function;
Printer function: can connect laser printer and Video printer directly;
Comment: Date, Name, Sex, Age, Hospital, Annotation;
Zooming: *1.0, *1.2, *1.5, *2.0;

Port: USB 2.0, VGA, Video connector;
Wide application: abdomen, OB/GYN, urology, cardiology, small parts etc;
USB Function of image store: more than Sixteen thousand images;
Power supply: AC 110V-240V, 50HZ/60HZ;
Probe connector: 2;
USB/VGA/ ports;
Video connector;

Measurement

General menu: Distance, Area, Volume, Angle, Ellipse;
Obstetrics menu: GS, CRL, BPD, HC, AC, FL, Fetus Weight;
Heart menu: Distance, Time, Slope, Rhythm;

Standard Configuration

Main unit 1set;
10 inches LCD monitor 1pc;
60R/3.5MHZ Convex array probe(2.0/3.5/4.5/5.0/5.5/6.5/7.5MHz) 1pc;
Power line 1pc;
Ground line 1pc;
Fuse 4 pc;
User’s manual in English 1pc;
Warranty card 1pc;

Options

L40/7.5MHZ Linear array probe (7.5/8.5/10.5MHz);
20R/5.0MHZ Micro-Convex array probe (4.0/5.0/5.5MHz);
13R/6.5MHZ Trans-vaginal array probe (5.5/6.5/7.5MHz);
7.5MHZ Trans-rectal probe (5.5/6.5/7.5MHz);
Video Printer

Portable Ultrasound Scanner AJ-6100B

Features

Powerful measurement & calculation software packages
8-Segment TGC adjustment
10 inch VGA monitor
OB measurements: BPD, GS, CRL, FL, AC, HC ,etc
Permanent function of image store: 32 images
Back-lit keyboard
2 probe connectors
Probe automatic identification
Pseudo Color Image output port (PAL-style)

Specification

Scanning mode: Convex/Linear/Trans-vaginal
Display modes: B, B+B, B+M, M, 4B
Scanning depth: 240mm
Gray scales: 256
Body marks: 44
Image conversion: up/down, left/right, black/white
Function of puncture guide
Per: 4-stage per function
Printer function: can connect laser printer and Video printer directly
Comment: Date, Name, Sex, Age, Hospital, Annotation
Zooming: *0.8, *1.0, *1.2, *1.5, *2.0
Port: USB 2.0, VGA, Video connector
Wide application: abdomen, OB/GYN, urology, cardiology etc
USB Function of image store: more than Sixteen thousand images
Power supply: AC 110V-240V, 50HZ/60HZ
Probe connector: 2

Measurement

General menu: Distance, Area, Volume, Angle, Ellipse
Obstetrics menu: GS, CRL, BPD, HC, AC, FL, Fetus Weight
Heart menu: Distance, Time, Slope, Rhythm

Standard Configuration

Main unit
10 inches SVGA Monitor

60R/3.5MHZ Convex array probe
USB 2.0, VGA port
Video connector

Options

L40/7.5MHZ Linear array probe
20R/5.0MHZ Micro-Convex array probe
13R/6.5MHZ Trans-vaginal array probe
Video Printer